

CHAPTER 52-03-08 RETAINING SYSTEM TEST

Section

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52-03-08-01. How tested. The retention system of the helmet shall be tested by placing the helmet on a rigid head form. The chin strap or other chin restraining device shall be placed around a movable anvil approximating the size of the human jaw. The simulated jaw shall be located in approximately the correct relative position on the head form.

General Authority: NDCC 39-02-03

Law Implemented: NDCC 39-10.2-06

52-03-08-02. Force to be used. The movable simulated jaw bone shall be moved downward with respect to the head form until a force of three hundred pounds [136 kilograms] is applied to the simulated jaw bone. The retention system and its attachments shall support this force without failure and without greater than one inch [2.54 centimeters] increase in vertical distance from the top of the helmet to the bottom of the simulated jaw bone.

General Authority: NDCC 39-02-03

Law Implemented: NDCC 39-10.2-06

52-03-08-03. When to be rejected. If the extension between the simulated jaw and the top of the helmet is greater than one inch [2.54 centimeters] or if any part of the retention system fails, the helmet shall be rejected.

General Authority: NDCC 39-02-03

Law Implemented: NDCC 39-10.2-06

52-03-08-04. Temperature to be used. The retention system shall be tested as specified in this chapter at ambient temperature.

General Authority: NDCC 39-02-03

Law Implemented: NDCC 39-10.2-06